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NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3 JAN 16 CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAplus updated with revised CAS roles
NEWS 7 JAN 22 CA/CAplus enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 24 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 26 APR 30 CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 27 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 28 MAY 01 New CAS web site launched
NEWS 29 MAY 08 CA/CAplus Indian patent publication number format defined

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 13:53:29 ON 08 MAY 2007

=> file reg
COST IN U.S. DOLLARS

FULL ESTIMATED COST

| | |
|---------------------|------------------|
| SINCE FILE ENTRY | TOTAL SESSION |
| 0.21 | 0.21 |

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STRUCTURE FILE UPDATES: 7 MAY 2007 HIGHEST RN 934385-16-7
DICTIONARY FILE UPDATES: 7 MAY 2007 HIGHEST RN 934385-16-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> file caplus
COST IN U.S. DOLLARS

FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|---------------------|------------------|
| 0.45 | 0.66 |

FILE 'CAPLUS' ENTERED AT 13:53:51 ON 08 MAY 2007
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FILE COVERS 1907 - 8 May 2007 VOL 146 ISS 20
FILE LAST UPDATED: 7 May 2007 (20070507/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> blowdown valve
2313 BLOWDOWN

100 BLOWDOWNS
2355 BLOWDOWN
(BLOWDOWN OR BLOWDOWNS)
78391 VALVE
38575 VALVES
97140 VALVE
(VALVE OR VALVES)
L1 18 BLOWDOWN VALVE
(BLOWDOWN (W) VALVE)

=> d 11 1-18 ti

L1 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Steamy heating equipment [machine translation]

L1 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI A new easy, accurate, reliable test method for boiler treatment improves treatment efficiency and boiler reliability

L1 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Negative pressure backflushing apparatus and backflushing method for desalination of sea water

L1 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Miniature water purifier and water purifying process

L1 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Air conditioner based on the heat exchange of indoor air with underground thermostatic layer

L1 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Method and device for purifying and conditioning flue gas by indirect evaporation of liquid with waste heat of flue gas

L1 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Water-ammoniation fuzzy regulatory method for large generator and its monitoring system

L1 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Water micro-circulating sustained-release regulatory method for large generator and its monitoring system

L1 ANSWER 9 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Application of an automatic boiler blowdown system for industrial boilers

L1 ANSWER 10 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Analysis of emission formation processes in a D.I. diesel engine by total in-cylinder sampling (2nd report, effects of intake swirl ratio and fuel injection timing)

L1 ANSWER 11 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Analysis of emission formation processes in a D.I. diesel engine by total in-cylinder sampling (1st report, effects of L/D of nozzle hole and piston cavity diameter)

L1 ANSWER 12 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI PBF-CANDU fuel element LOCA test experiment predictions

L1 ANSWER 13 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI A high pressure blowdown valve with replaceable seat

L1 ANSWER 14 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI LOFT L2-3 blowdown experiment safety analyses D, E and G; LOCA analyses H, K, K1

L1 ANSWER 15 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI On-line techniques for process monitoring. Automatic control of waterside chemical conditions in power station boilers using conductivity measurements

L1 ANSWER 16 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Control of the concentration of dissolved solids in aqueous evaporator systems

L1 ANSWER 17 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Desalination of brackish waters

L1 ANSWER 18 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN
TI Valve for automatic discharge of condensate

=> blowdown

2313 BLOWDOWN
100 BLOWDOWNS
L2 2355 BLOWDOWN
(BLOWDOWN OR BLOWDOWNS)

=> ?methacrylate

L3 240182 ?METHACRYLATE

=> 12(1)13

L4 3 L2(L)L3

=> d 14 1-3 ti

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
TI Polymer dispersants and methods of use in a nuclear steam generator

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
TI Continuous belt ion exchanger: chromate removal from cooling tower blowdown waters

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
TI Combustion of an ablative fuel in a constant-area channel

=> ball valve

69279 BALL
18318 BALLS
78251 BALL
(BALL OR BALLS)
78391 VALVE
38575 VALVES
97140 VALVE
(VALVE OR VALVES)
L5 608 BALL VALVE
(BALL (W) VALVE)

=> reacion vessel

83 REACION
27 REACIONS
110 REACION
(REACION OR REACIONS)
235500 VESSEL
91741 VESSELS
288954 VESSEL
(VESSEL OR VESSELS)
L6 0 REACION VESSEL
(REACION (W) VESSEL)

=> 15(1)16
L7 0 L5(L)L6

=> reaction vessel
3036597 REACTION
2186175 REACTIONS
4067768 REACTION
(REACTION OR REACTIONS)

235500 VESSEL
91741 VESSELS
288954 VESSEL
(VESSEL OR VESSELS)
L8 11948 REACTION VESSEL
(REACTION(W) VESSEL)

=> 15(1)18
L9 2 L5(L)L8

=> d 19 1-2 ti

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
TI Microreactor for analyzing thin solid samples

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
TI Automatic metering of slurries

=> d 19 2ti fbib abs
'2TI' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PAT5 ----- PI, SO
SAM ----- CC, SX, TI, ST, IT
SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, CLASS

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
 HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
 HITRN ----- HIT RN and its text modification
 HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
 HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
 FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
 KWIC ----- Hit term plus 20 words on either side
 OCC ----- Number of occurrence of hit term and field in which it occurs

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ENTER DISPLAY FORMAT (BIB):end

=> d 19 2 ti fbib abs

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Automatic metering of slurries
 AN 1975:45671 CAPLUS
 DN 82:45671
 TI Automatic metering of slurries
 AU De Klein, Willem J.; Van Amerongen, Henk
 CS Akzo Corp. Res., Arnhem, Neth.
 SO Chemistry & Industry (London, United Kingdom) (1974), (11), 460
 CODEN: CHINAG; ISSN: 0009-3068
 DT Journal
 LA English
 AB Slurries, maintained in suspension by a magnetic stirrer, are metered into a reaction vessel through a ground glass ball valve, lifted periodically by a pulsed solenoid. The whole apparatus can be flushed with inert gas, and further addns. to the slurry can be made during addition

=> logoff hold
 COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |

FULL ESTIMATED COST

36.86 37.52

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |

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